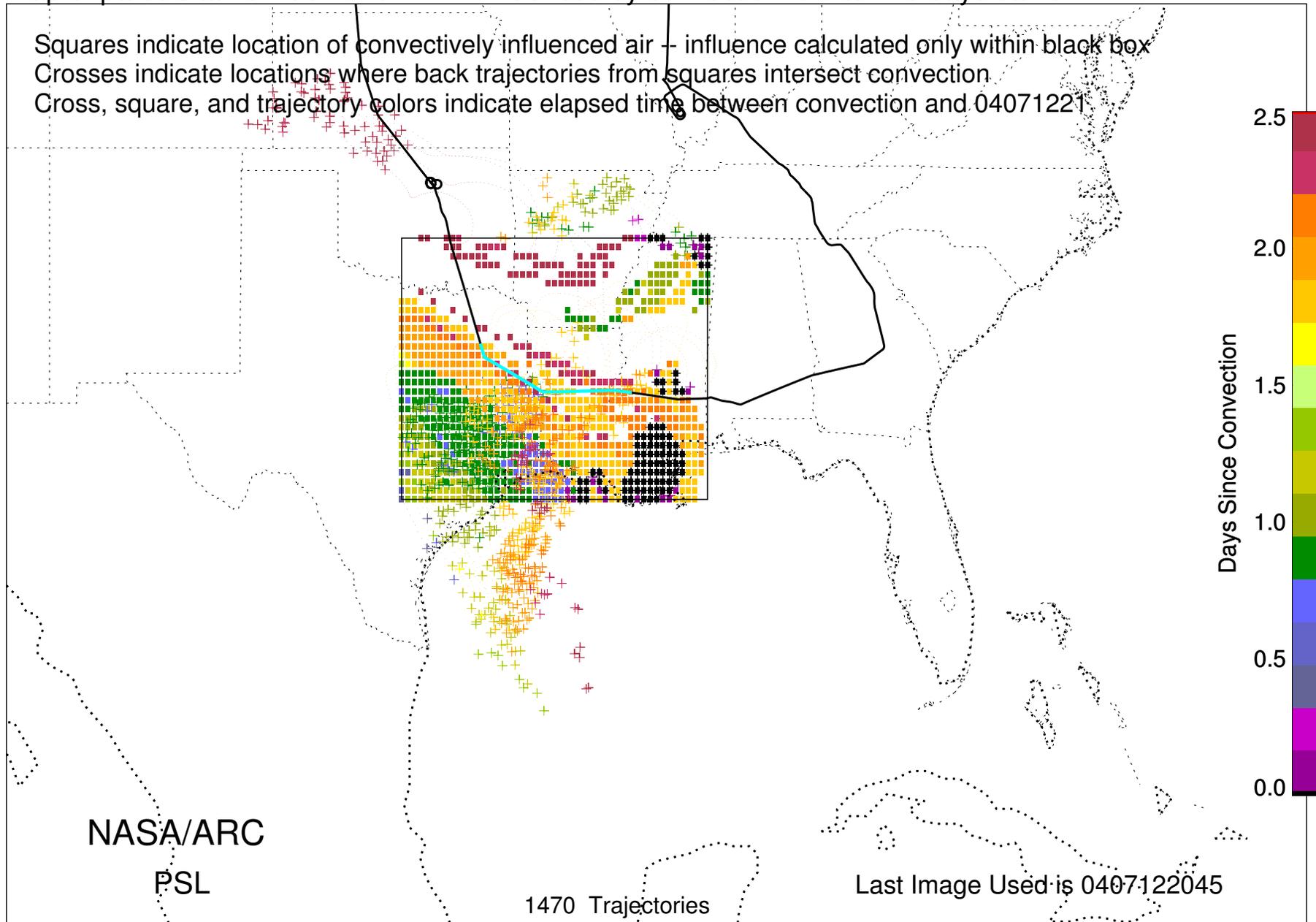


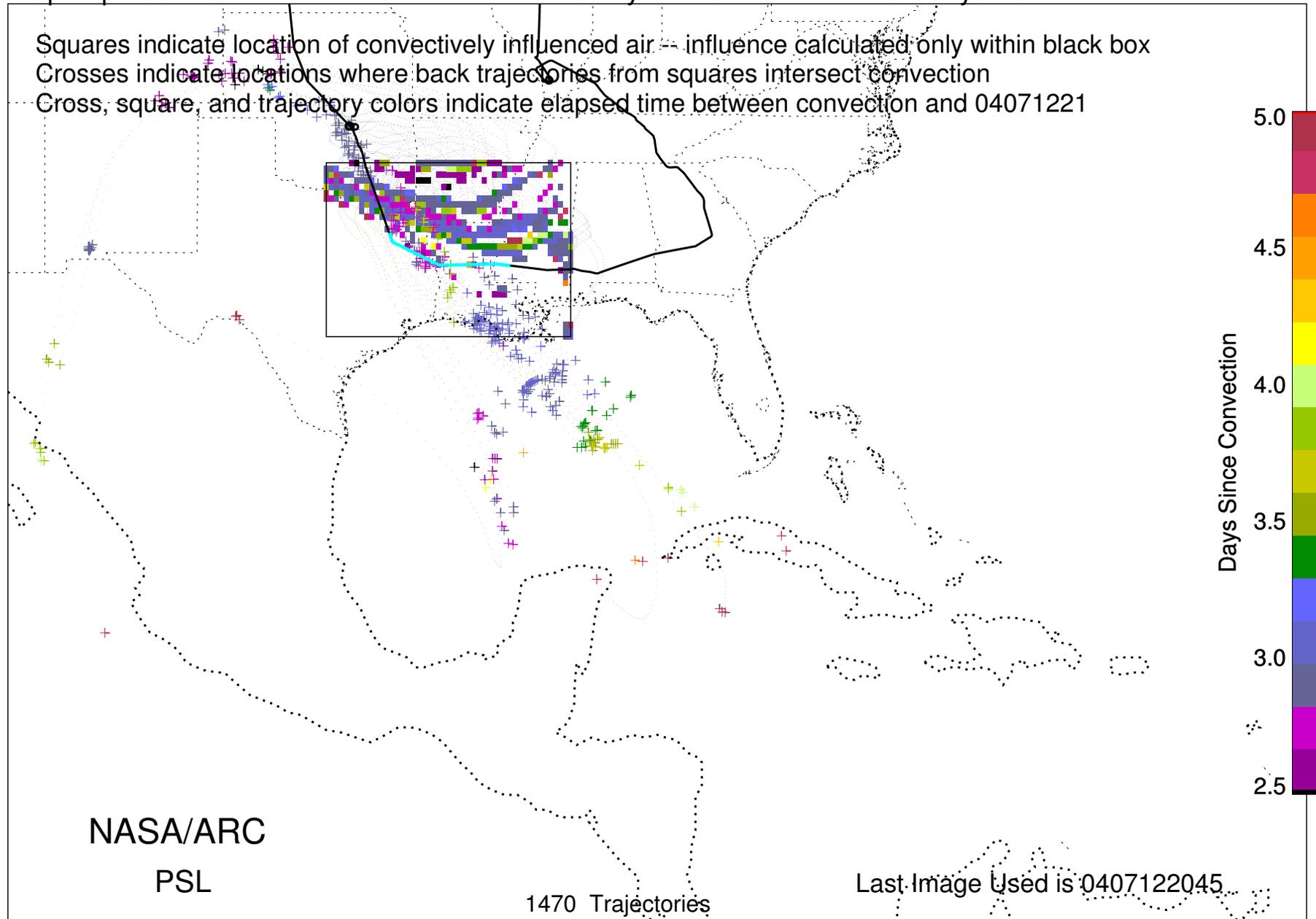
Map of parcels at 29 kft on 04071221 influenced by convection 0.0 to 2.5 days earlier

Squares indicate location of convectively influenced air - influence calculated only within black box
Crosses indicate locations where back trajectories from squares intersect convection
Cross, square, and trajectory colors indicate elapsed time between convection and 04071221



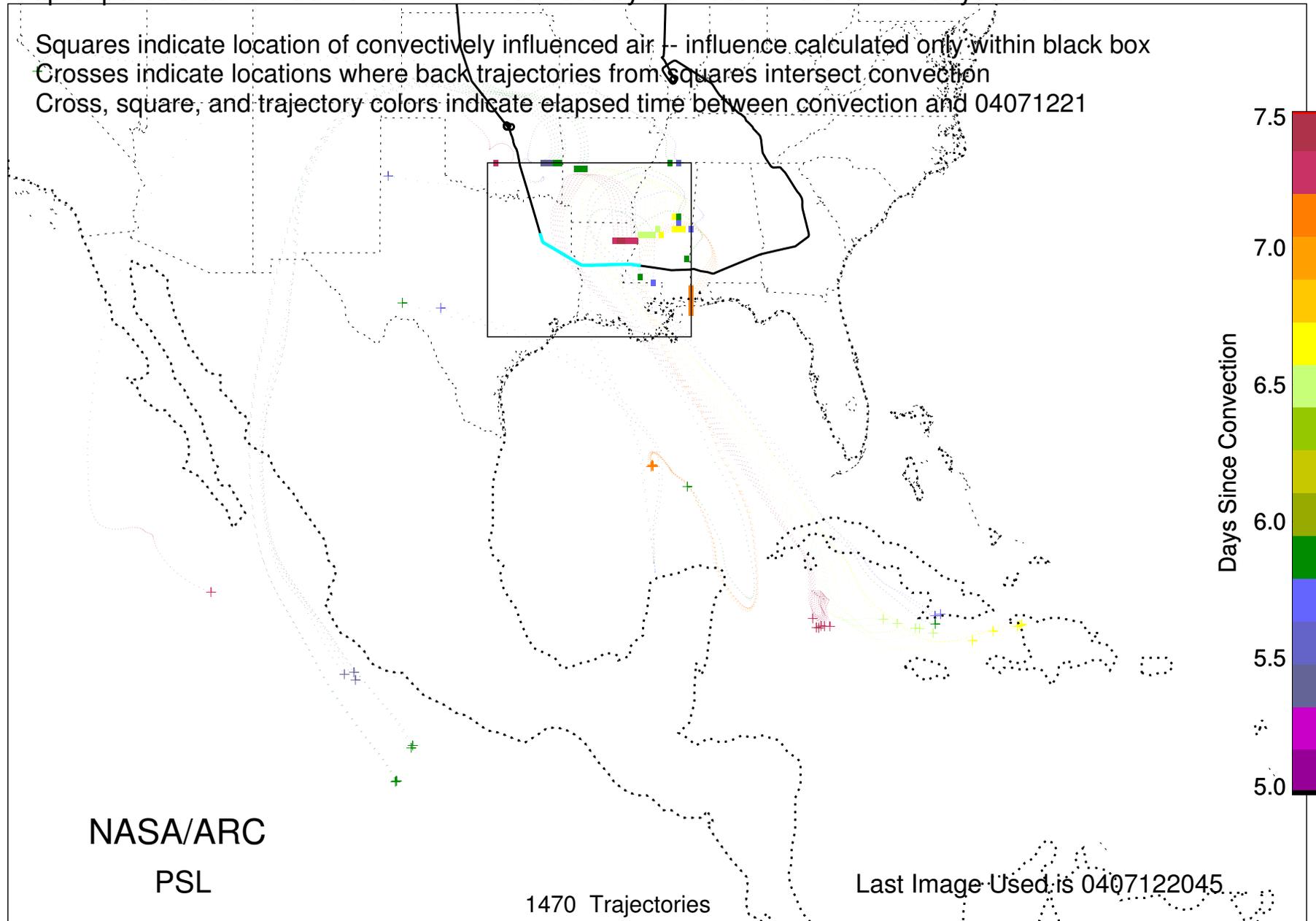
Map of parcels at 29 kft on 04071221 influenced by convection 2.5 to 5.0 days earlier

Squares indicate location of convectively influenced air -- influence calculated only within black box
Crosses indicate locations where back trajectories from squares intersect convection
Cross, square, and trajectory colors indicate elapsed time between convection and 04071221



Map of parcels at 29 kft on 04071221 influenced by convection 5.0 to 7.5 days earlier

Squares indicate location of convectively influenced air -- influence calculated only within black box
Crosses indicate locations where back trajectories from squares intersect convection
Cross, square, and trajectory colors indicate elapsed time between convection and 04071221



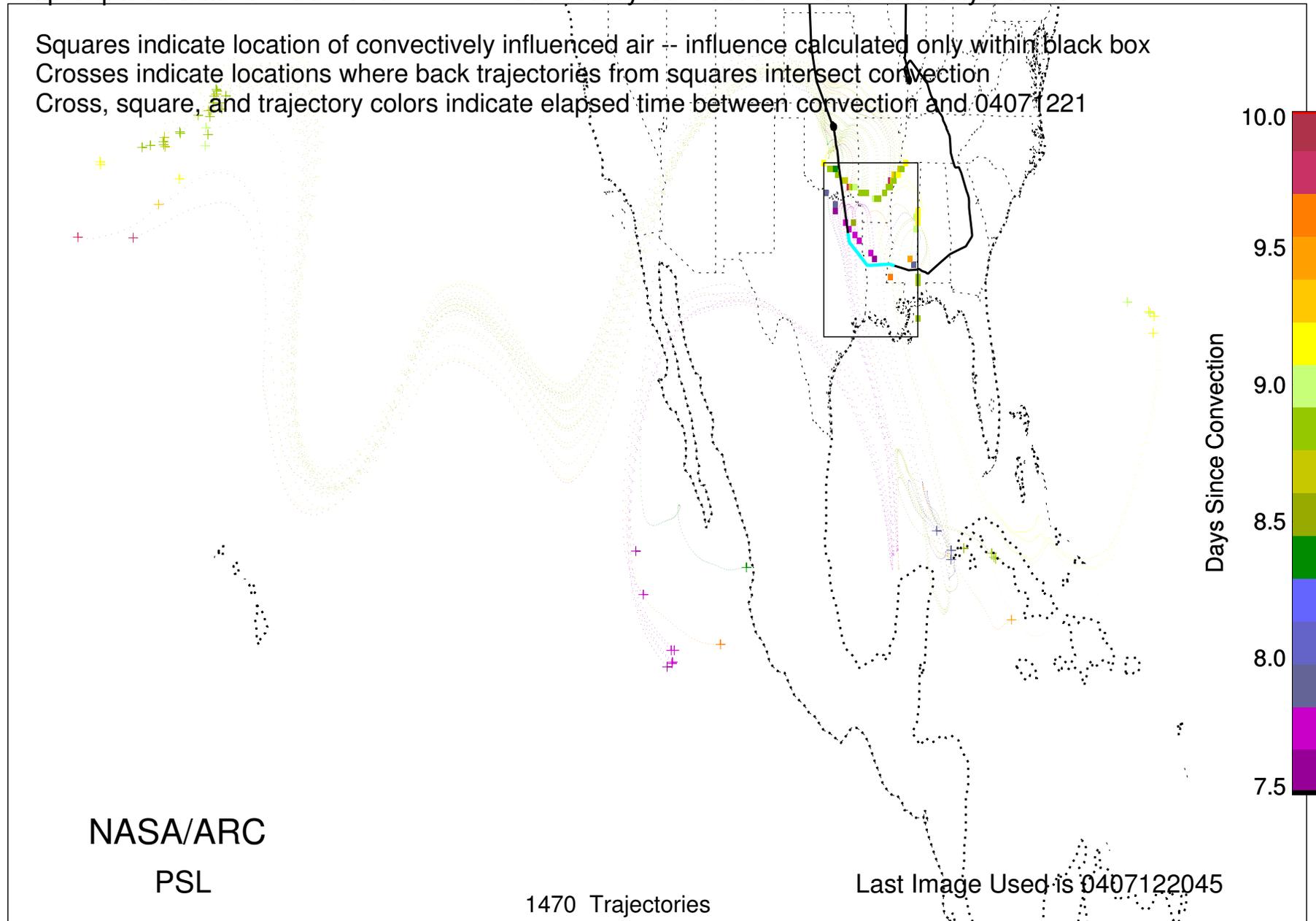
NASA/ARC
PSL

1470 Trajectories

Last Image Used is 0407122045

Map of parcels at 29 kft on 04071221 influenced by convection 7.5 to 10.0 days earlier

Squares indicate location of convectively influenced air -- influence calculated only within black box
Crosses indicate locations where back trajectories from squares intersect convection
Cross, square, and trajectory colors indicate elapsed time between convection and 04071221



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PSL

1470 Trajectories

Last Image Used is 0407122045